

CLAIMS:

1. Method for eliminating voice signals from a stereo input signal stream by means of a band stop filter device, characterized in that from the stereo input signal stream a monophonic and a stereophonic signal stream is derived by adding and subtracting, respectively, the left and right signal content of the stereo input signal stream, the
5 monophonic signal stream is filtered by means of said band stop filter device, and a stereo output signal stream is obtained by adding the stereophonic signal stream and the filtered monophonic signal stream, and subtracting the stereophonic signal stream and the filtered monophonic signal stream, respectively.
- 10 2. Voice suppression filter device for eliminating voice signals from a stereo input signal stream by means of a band stop filter device, characterized in that a first adding and a first subtracting device are provided to derive from the stereo input signal stream a monophonic and a stereophonic signal stream by adding and subtracting, respectively, the left and right signal content of the stereo input signal stream, the monophonic signal stream being
15 filtered by means of said band stop filter device, and a second adding and a second subtracting device to obtain a stereo output signal stream by adding the stereophonic signal stream and the filtered monophonic signal stream, and subtracting the stereophonic signal stream and the filtered monophonic signal stream, respectively.
- 20 3. Voice suppression filter device according to claim 2, characterized in that parallel to the band stop filter device a low pass filter device is provided, the upper side of the frequency band thereof being adjacent to the lower side of the frequency band of the band stop filter device.
- 25 4. Voice suppression filter device according to claim 2 or 3, characterized in that a downscaling device is provided to protect the band stop filter device against overflow.

5. Voice suppression filter device according to claim 3, characterized in that a gain element is provided to obtain an asymmetry between the channels for the monophonic and the stereophonic signal stream.

5 6. Algorithm for processing a stereo input signal stream applied in the method of claim 2 and/or applied in the voice suppression filter device of any one of the claims 2-5.

7. Audio apparatus, provided with the voice suppression filter according to any one of the claims 2-5.

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8. Computer program capable of running on signal processing means in an audio apparatus or cooperating with an audio apparatus comprising the voice suppression filter device according to claim 7.

15 9. Information carrier, carrying instructions to be executed by signal processing means, the instructions being such as to enable said signal processing means to perform the method according to claim 1.